

Naenara (browser)

Naenara is a North Korean intranet web browser software developed by the Korea Computer Center for use of the national Kwangmyong intranet. It is developed from a version of Mozilla Firefox and is distributed with the Linux-based operating system Red Star OS that North Korea developed due to licensing and security issues with Microsoft Windows.^[3]

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Design

Naenara is a modified version of Mozilla Firefox.^[4] Red Star OS and Naenara were developed by the Korea Computer Center that states on its web page that it seeks to develop Linux-based software for use.^[5]

Naenara can be used to browse approximately 1,000 to 5,500 websites in the national Kwangmyong intranet.^[6]

When Naenara is run, it tries to contact an IP address at <http://10.76.1.11/>.^[1] The default search engine for the browser is Google Korea.^[3]

See also

- Samjiyon tablet computer

References

1. Hansen, Robert (8 January 2015). "North Korea's Naenara Web Browser: It's Weirder Than We Thought" (<https://web.archive.org/web/20151215201456/http://blog.whitehatsec.com/north-koreas-naenara-web-browser-its-weirder-than-we-thought/>). *blog.whitehatsec.com*. Archived from the original (<https://blog.whitehatsec.com/north-koreas-naenara-web-browser-its-weirder-than-we-thought/>) on 15 December 2015. Retrieved 21 October 2015.

Naenara



Naenara run in Red Star OS

Developer(s)	<u>Korea Computer Center</u>
Initial release	2013 (version 3.5) ^[1]
Operating system	<u>Red Star OS 2.0</u> , <u>Red Star OS 2.5</u> , <u>Red Star OS 3.0</u> , <u>Windows</u> ^[2]
Included with	<u>Red Star OS</u>
Available in	<u>Korean (North Korean standard)</u> <u>English</u>
Type	<u>Internet browser</u>

2. Owen Williams (8 January 2015). "Hands on with North Korea's homegrown operating system, Red Star" (<https://thenextweb.com/apps/2015/01/08/hands-north-koreas-homegrown-operating-system-red-star/>). *thenextweb.com*. Retrieved 23 November 2015.
3. Bernhard Seliger; Stefan Schmidt (4 April 2014). *The Hermit Kingdom Goes Online: Information Technology, Internet Use and Communication Policy in North Korea* (<https://books.google.com/books?id=qKhDAwAAQBAJ&pg=PP7>). McFarland. p. 7. ISBN 978-1-4766-1770-1.
4. Talmadge, Eric. "Walls surround N. Korea's web users" (https://digitaledition.baltimoresun.com/tribune/article_popover.aspx?guid=2d94be07-81fe-47cc-9e54-3e724298de8c). *The Baltimore Sun*. Retrieved 3 April 2021.
5. "Korea Computer Center" (<https://web.archive.org/web/20141231222441/http://www.naenara.com.kp/en/kcc/>). *Korea Computer Center*. 2014. Archived from the original (<http://www.naenara.com.kp/en/kcc/>) on 31 December 2014.
6. Matthew Sparkes (23 December 2014). "Internet in North Korea: everything you need to know" (<https://www.telegraph.co.uk/technology/11309882/Internet-in-North-Korea-everything-you-need-to-know.html>). *The Daily Telegraph*. Retrieved 23 November 2015.

External links

- "nothing" (<http://10.76.1.11/>). Retrieved 10 July 2020.
 - Red Star OS 3.0 (DPRK/North Korea Linux) Overview (<https://www.youtube.com/watch?v=38s84eHgP0o>) on YouTube
 - Computer Science in the DPRK [31c3] (<https://www.youtube.com/watch?v=zuxILLeKZZ8>) on YouTube
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